

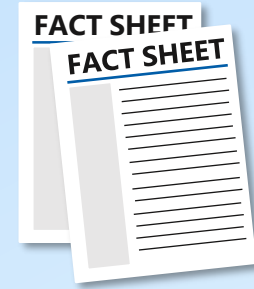
# Water Augmentation Project; Workshop 2

The Governor's Water Augmentation Council

**WATER**  
OUR FOCUS  
OUR BUSINESS  
OUR PASSION

 **carollo**  
*Engineers...Working Wonders With Water®*

# Recommended Next Steps for the Project Team



- Create water augmentation fact sheets for projects
  - 0 - 10 and 0 – 30 year planning periods
- Additional investigations to further define 0 – 60 year planning period projects, particularly:
  - Ocean desalination – exchanges with California or Mexico, Colorado River water users
  - Ocean desalination – pipeline to deliver water to Central Arizona
  - Deliver Missouri River flood waters to the Green River, and store using the Flaming Gorge, Lake Powell, and Lake Mead reservoirs. Deliver water to all planning areas that could be connected to the Colorado River or CAP canal.



# What Does a Water Augmentation Project Fact Sheet Contain?

- Definition of the water augmentation project that is not site specific
- Applicability of this type of water augmentation
- Water yield (range) that can be expected from the project
- Levelized cost per acre-ft. (range)
- Water augmentation methods used
- List of required permits
- List of non-site specific environmental issues
- Rule or regulatory changes
- Political, technical, public acceptance challenges
- List of reference materials where appropriate



# Large Water Augmentation Project Ideas not Recommended

Large Water Augmentation Source	Reason Not Recommended
Snake River or other river in the Columbia River basin	<ul style="list-style-type: none"><li>• Current law makes it illegal to take water from the Columbia River basin.</li><li>• Other than some high spring runoff, Snake River water is heavily committed to agricultural use</li></ul>
Bear River in Utah	<ul style="list-style-type: none"><li>• This river is committed to development in Utah along the Wasatch Front.</li><li>• The river is not large enough to provide millions of acre-ft. to Arizona</li></ul>
Rio Grande River	<ul style="list-style-type: none"><li>• There are already many conflicts over water in this river.</li><li>• Water supplies are not sufficient</li></ul>
Snowpack on the Colorado front range	<ul style="list-style-type: none"><li>• Denver has already obtained most of the water rights that could be available.</li></ul>
Reclaimed water from Pacific coast cities in Oregon and Washington, delivered to Nevada and then to Arizona via exchange	<ul style="list-style-type: none"><li>• High costs</li><li>• Very difficult to permit</li></ul>